

Recombinant Human NPY2R Protein

Cat. No. NPY2R-6058H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human NPY2R full-length ORF (NP_000901.1) recombinant protein without tag.
Species	Human
Source	Wheat Germ
Description	NPY2R (Neuropeptide Y Receptor Y2) is a Protein Coding gene. Diseases associated with NPY2R include Obesity. Among its related pathways are Signaling by GPCR and Peptide ligand-binding receptors. GO annotations related to this gene include G-protein coupled receptor activity and calcium channel regulator activity. An important paralog of this gene is PRLHR.
Form	Liquid
Molecular Mass	42.7 kDa
AA Sequence	MGPIGAEADENQTVEEMKVEQYGPQTTPRGELVPDPEPELIDSTKLIQVQVVLILAYC SIILLGVIGNSLVIHVVIKFKSMRTVTNFFIANLAVADLLVNTLCLPFTLTYYTLMGEWKM GPVLCHLVPIYAQGLAVQVSTITLTIVIALDRHRCIVYHLESKISKRISFLIIGLAWGISALL ASPLAIFREYSLIEIIPDFEIVACTEKWPGEKSIYGTVYSLSSLLILYVLPLGIISFSYTRI WSKLKNHVSPGAANDHYHQRRQKTKMLVCVVVFAVSWLPLHAFQLAVDIDSQVL DLKEYKLIFTVFHIIAMCSTFANPLLYGWMNSNYRKAFLSAFRCEQRLDAIHSEVSVT FKAKKNLEVRKNSGPNDSTFTEATNV
Applications	Antibody Production

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	Functional Study Compound Screening
Usage	Heating may cause protein aggregation. Please do not heat this product before electrophoresis.
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	25 mM Tris-HCl of pH8.0 containing 2% glycerol.

GENE INFORMATION

Gene Name	NPY2R neuropeptide Y receptor Y2 [Homo sapiens]
Official Symbol	NPY2R
Synonyms	NPY2R; neuropeptide Y receptor Y2; neuropeptide Y receptor type 2; Y2 receptor; NPY-Y2 receptor; NPY2-R;
Gene ID	4887
mRNA Refseq	NM_000910
Protein Refseq	NP_000901
MIM	162642
UniProt ID	P49146

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